



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 2				Complete if Known	
				Application Number	09/930,836
				Filing Date	August 15, 2001
				First Named Inventor	Paul C. Kocher
				Art Unit	2132
				Examiner Name	Virgil A. Herring
				Attorney Docket Number	44424162-8722

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	V36	US - 1,657,411	02-06-1923	Scherbius	
	V37	US - 4,369,332	01-18-1983	Campbell, Jr.	
	V38	US - 4,605,820	08-12-1986	Campbell, Jr.	
	V39	US - 4,661,658	04-28-1987	Matyas	
	V41	US - 4,776,011	10-04-1988	Busby	
	V42	US - 5,602,917	02-11-1997	Mueller	
	V43	US - 5,668,877	09-16-1997	Aziz	
	V44	US - 6,031,912	02-29-2000	Moulart et al.	
	V45	US - 6,128,391	10-03-2000	Denno et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	V46	DE - 195 11 298 A1	03-28-1995	Deutsche Telekom		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/930,836
				Filing Date	August 15, 2001
				First Named Inventor	Paul C. Kocher
				Group Art Unit	2132
				Examiner Name	Virgil A. Herring
Sheet	2	of	2	Attorney Docket No.	44424162-8724
OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	CiteNo. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	V47	DEFENDANT VISA INTERNATIONAL SERVICE ASSOCIATION'S FINAL INVALIDITY CONTENTIONS FOR U.S. PATENT 6,539,092, FILED IN CASE C04-4143 JW on November 21, 2007, in US District Court for N. District of California, San Jose Division, including exhibits A through C17.			
	V48	BEKER, H.J. et al., "Simplifying Key Management in Electronic Fund Transfer Point of Sale Systems", <u>Electronics Letters</u> , 19(20):442-444, June 9, 1983.			
	V49	BLUM, L. et al., "A Simple Unpredictable Pseudo-Random Number Generator", <u>Siam J. Comput.</u> , 13(2):364-383, May 1986.			
	V50	DAEMEN, Joan, "Management of Secret Keys: Dynamic Key Handling", <u>COSIC '97 Course, LNCS 1528</u> , Springer-Verlag, Berlin Heidelberg, Germany, 1998, pp. 262-276.			
	V51	DAEMEN, Joan et al., "The Block Cipher SQUARE", <u>Fast Software Encryption '97, LNCS, 1267</u> , Springer-Verlag, Berlin Heidelberg, Germany, 1997, pp. 1 - 19.			
	V52	ISO (International Organization for Standardization), "Banking - Key management (retail) - Part 2: Key management techniques for symmetric ciphers", ISO 11568-2 First edition 1994-12-01, pp.1-16, www.saiglobal.com/shop			
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.